

Forest Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Erosion on roads and trails		Off-road or off-trail erosion		Soil rutting		Log landings		Seedling survival	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
8: Dumps-----	Not rated		Not rated		Not rated		Not rated		Not rated	
Pits-----										
9: Udorthents-----	Not limited		Not limited		Not limited		Very limited ~slope (very limited)	1.00	Very limited ~soil reaction (very limited)	1.00
13B: Sampsel-----	Moderately limited ~slope/erodibility (moderately limited)	0.44	Slightly limited ~slope/erodibility (slightly limited)	0.10	Limited ~low strength (limited) ~seasonal wetness (limited)	0.80 0.76	Limited ~seasonal wetness (limited) ~low strength (moderately limited) ~stickiness (surface) (moderately limited)	0.76 0.50 0.50	Limited ~seasonal wetness (limited)	0.76
13C: Sampsel-----	Limited ~slope/erodibility (limited)	0.78	Slightly limited ~slope/erodibility (slightly limited)	0.17	Limited ~low strength (limited) ~seasonal wetness (limited)	0.80 0.76	Limited ~seasonal wetness (limited) ~low strength (moderately limited) ~stickiness (surface) (moderately limited)	0.76 0.50 0.50	Limited ~seasonal wetness (limited)	0.76
15: Ashton-----	Slightly limited ~slope/erodibility (slightly limited)	0.11	Slightly limited ~slope/erodibility (slightly limited)	0.02	Limited ~low strength (limited)	0.80	Moderately limited ~flooding (moderately limited) ~low strength (moderately limited)	0.60 0.50	Moderately limited ~flooding (moderately limited)	0.60

Forest Management--Continued

Map symbol and soil name	Erosion on roads and trails		Off-road or off-trail erosion		Soil rutting		Log landings		Seedling survival	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
20B: Credlon-----	Moderately limited ~slope/erodibility (moderately limited)	0.44	Slightly limited ~slope/erodibility (slightly limited)	0.08	Limited ~low strength (limited) ~seasonal wetness (slightly limited)	0.80 0.15	Moderately limited ~low strength (moderately limited) ~seasonal wetness (slightly limited)	0.50 0.15	Not limited	
20C: Credlon-----	Limited ~slope/erodibility (limited)	0.78	Slightly limited ~slope/erodibility (slightly limited)	0.14	Limited ~low strength (limited) ~seasonal wetness (slightly limited)	0.80 0.15	Moderately limited ~low strength (moderately limited) ~slope (slightly limited) ~seasonal wetness (slightly limited)	0.50 0.15 0.15	Not limited	
23F: Goss-----	Very limited ~slope/erodibility (very limited)	1.00	Moderately limited ~slope/erodibility (moderately limited)	0.59	Limited ~low strength (limited)	0.80	Very limited ~slope (very limited) ~low strength (moderately limited)	1.00 0.50	Slightly limited ~droughty (slightly limited)	0.13
30: Verdigris-----	Slightly limited ~slope/erodibility (slightly limited)	0.11	Slightly limited ~slope/erodibility (slightly limited)	0.02	Limited ~low strength (limited)	0.80	Moderately limited ~flooding (moderately limited) ~low strength (moderately limited)	0.60 0.50	Moderately limited ~flooding (moderately limited)	0.60
32: Racket-----	Slightly limited ~slope/erodibility (slightly limited)	0.11	Slightly limited ~slope/erodibility (slightly limited)	0.02	Limited ~low strength (limited)	0.80	Moderately limited ~flooding (moderately limited) ~low strength (moderately limited)	0.60 0.50	Moderately limited ~flooding (moderately limited)	0.60
33: Quarles-----	Slightly limited ~slope/erodibility (slightly limited)	0.11	Slightly limited ~slope/erodibility (slightly limited)	0.02	Limited ~low strength (limited) ~seasonal wetness (limited)	0.80 0.76	Limited ~seasonal wetness (limited) ~flooding (moderately limited)	0.76 0.60	Limited ~seasonal wetness (limited) ~flooding (moderately limited)	0.76 0.60

Forest Management--Continued

Map symbol and soil name	Erosion on roads and trails		Off-road or off-trail erosion		Soil rutting		Log landings		Seedling survival	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
							~low strength (moderately limited)	0.50		
35: Aquents-----	Slightly limited ~slope/erodibility (slightly limited)	0.11	Slightly limited ~slope/erodibility (slightly limited)	0.02	Very limited ~seasonal wetness (very limited)	1.00	Very limited ~seasonal wetness (very limited)	1.00	Very limited ~seasonal wetness (very limited)	1.00
	~slope/erodibility (slightly limited)	0.06	~slope/erodibility (slightly limited)	0.02			~seasonally ponded (limited)	0.80	~soil reaction (very limited)	1.00
50B: Mcgirk-----	Moderately limited ~slope/erodibility (moderately limited)	0.44	Slightly limited ~slope/erodibility (slightly limited)	0.10	Limited ~low strength (limited)	0.80	Moderately limited ~low strength (moderately limited)	0.50	Moderately limited ~seasonal wetness (moderately limited)	0.30
					~seasonal wetness (moderately limited)	0.45	~seasonal wetness (moderately limited)	0.45		
51C: Claiborne-----	Limited ~slope/erodibility (limited)	0.78	Slightly limited ~slope/erodibility (slightly limited)	0.14	Limited ~low strength (limited)	0.80	Moderately limited ~low strength (moderately limited)	0.50	Not limited	
							~slope (slightly limited)	0.15		
52B: Deepwater-----	Moderately limited ~slope/erodibility (moderately limited)	0.44	Slightly limited ~slope/erodibility (slightly limited)	0.08	Limited ~low strength (limited)	0.80	Moderately limited ~low strength (moderately limited)	0.50	Not limited	
52C: Deepwater-----	Limited ~slope/erodibility (limited)	0.78	Slightly limited ~slope/erodibility (slightly limited)	0.14	Limited ~low strength (limited)	0.80	Moderately limited ~low strength (moderately limited)	0.50	Not limited	
							~slope (slightly limited)	0.15		
53B: Mandeville-----	Moderately limited ~slope/erodibility (moderately limited)	0.44	Slightly limited ~slope/erodibility (slightly limited)	0.08	Limited ~low strength (limited)	0.80	Moderately limited ~low strength (moderately limited)	0.50	Not limited	
54: Moniteau-----	Slightly limited		Slightly limited		Limited		Limited		Limited	

Forest Management--Continued

Map symbol and soil name	Erosion on roads and trails		Off-road or off-trail erosion		Soil rutting		Log landings		Seedling survival	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
	~slope/erodibility (slightly limited)	0.11	~slope/erodibility (slightly limited)	0.02	~seasonal wetness (limited)	0.91	~seasonal wetness (limited)	0.91	~seasonal wetness (limited)	0.91
					~low strength (limited)	0.80	~low strength (moderately limited)	0.50		
55B: Barco-----	Moderately limited ~slope/erodibility (moderately limited)	0.44	Slightly limited ~slope/erodibility (slightly limited)	0.08	Limited ~low strength (limited)	0.80	Moderately limited ~low strength (moderately limited)	0.50	Not limited	
55C: Barco-----	Limited ~slope/erodibility (limited)	0.78	Slightly limited ~slope/erodibility (slightly limited)	0.14	Limited ~low strength (limited)	0.80	Moderately limited ~low strength (moderately limited)	0.50	Not limited	
							~slope (slightly limited)	0.15		
56C: Bolivar-----	Limited ~slope/erodibility (limited)	0.78	Slightly limited ~slope/erodibility (slightly limited)	0.14	Moderately limited ~low strength (moderately limited)	0.50	Slightly limited ~slope (slightly limited)	0.15	Not limited	
56D: Bolivar-----	Very limited ~slope/erodibility (very limited)	1.00	Slightly limited ~slope/erodibility (slightly limited)	0.24	Moderately limited ~low strength (moderately limited)	0.50	Limited ~slope (limited)	0.76	Not limited	
58: Hartwell-----	Slightly limited ~slope/erodibility (slightly limited)	0.11	Slightly limited ~slope/erodibility (slightly limited)	0.02	Limited ~low strength (limited)	0.80	Moderately limited ~seasonal wetness (moderately limited)	0.60	Moderately limited ~seasonal wetness (moderately limited)	0.60
					~seasonal wetness (moderately limited)	0.60	~low strength (moderately limited)	0.50		
58B2: Hartwell-----	Slightly limited ~slope/erodibility (slightly limited)	0.22	Slightly limited ~slope/erodibility (slightly limited)	0.05	Limited ~low strength (limited)	0.80	Moderately limited ~seasonal wetness (moderately limited)	0.60	Moderately limited ~seasonal wetness (moderately limited)	0.60
					~seasonal wetness (moderately limited)	0.60	~low strength (moderately limited)	0.50		
58B3: Hartwell-----	Slightly limited		Slightly limited		Limited		Moderately limited		Moderately limited	

Forest Management--Continued

Map symbol and soil name	Erosion on roads and trails		Off-road or off-trail erosion		Soil rutting		Log landings		Seedling survival	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
60B: Barden-----	~slope/erodibility (slightly limited)	0.22	~slope/erodibility (slightly limited)	0.05	~low strength (limited)	0.80	~seasonal wetness (moderately limited)	0.60	~seasonal wetness (moderately limited)	0.60
					~seasonal wetness (moderately limited)	0.60	~low strength (moderately limited)	0.50		
60B2: Barden-----	Moderately limited		Slightly limited		Limited		Moderately limited		Not limited	
	~slope/erodibility (moderately limited)	0.33	~slope/erodibility (slightly limited)	0.07	~low strength (limited)	0.80	~low strength (moderately limited)	0.50		
60B2: Barden-----					~seasonal wetness (slightly limited)	0.10	~seasonal wetness (slightly limited)	0.10		
	Moderately limited		Slightly limited		Limited		Moderately limited		Not limited	
60B2: Barden-----	~slope/erodibility (moderately limited)	0.33	~slope/erodibility (slightly limited)	0.07	~low strength (limited)	0.80	~low strength (moderately limited)	0.50		
					~seasonal wetness (slightly limited)	0.10	~seasonal wetness (slightly limited)	0.10		
63B: Union-----	Moderately limited		Slightly limited		Limited		Moderately limited		Not limited	
	~slope/erodibility (moderately limited)	0.44	~slope/erodibility (slightly limited)	0.10	~low strength (limited)	0.80	~low strength (moderately limited)	0.50		
63B: Union-----					~seasonal wetness (slightly limited)	0.15	~seasonal wetness (slightly limited)	0.15		
	Limited		Slightly limited		Limited		Moderately limited		Not limited	
63C: Union-----	~slope/erodibility (limited)	0.78	~slope/erodibility (slightly limited)	0.17	~low strength (limited)	0.80	~low strength (moderately limited)	0.50		
					~seasonal wetness (slightly limited)	0.15	~slope (slightly limited)	0.15		
63C: Union-----							~seasonal wetness (slightly limited)	0.15		
	Limited		Slightly limited		Limited		Moderately limited		Not limited	
66C: Doniphan-----	~slope/erodibility (limited)	0.67	~slope/erodibility (slightly limited)	0.12	~low strength (limited)	0.80	~low strength (moderately limited)	0.50		
66D: Doniphan-----	Very limited		Slightly limited		Limited		Limited		Not limited	
	~slope/erodibility (very limited)	1.00	~slope/erodibility (slightly limited)	0.24	~low strength (limited)	0.80	~slope (limited)	0.76		

Forest Management--Continued

Map symbol and soil name	Erosion on roads and trails		Off-road or off-trail erosion		Soil rutting		Log landings		Seedling survival	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
							~low strength (moderately limited)	0.50		
67C: Bardley-----	Limited ~slope/erodibility (limited)	0.78	Slightly limited ~slope/erodibility (slightly limited)	0.14	Limited ~low strength (limited)	0.80	Moderately limited ~low strength (moderately limited) ~slope (slightly limited)	0.50 0.15	Not limited	
67E: Bardley-----	Very limited ~slope/erodibility (very limited)	1.00	Moderately limited ~slope/erodibility (moderately limited)	0.43	Not limited		Very limited ~slope (very limited)	1.00	Slightly limited ~droughty (slightly limited)	0.00
68C: Eldon-----	Limited ~slope/erodibility (limited)	0.67	Slightly limited ~slope/erodibility (slightly limited)	0.12	Limited ~low strength (limited)	0.80	Moderately limited ~low strength (moderately limited)	0.50	Not limited	
68D: Eldon-----	Very limited ~slope/erodibility (very limited)	1.00	Slightly limited ~slope/erodibility (slightly limited)	0.24	Limited ~low strength (limited)	0.80	Limited ~slope (limited) ~low strength (moderately limited)	0.76 0.50	Not limited	
72C: Gasconade-----	Slightly limited ~slope/erodibility (slightly limited)	0.23	Slightly limited ~slope/erodibility (slightly limited)	0.12	Not limited		Moderately limited ~stickiness (surface) (moderately limited)	0.50	Limited ~droughty (limited)	0.80
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
72F: Gasconade-----	Very limited ~slope/erodibility (very limited)	1.00	Moderately limited ~slope/erodibility (moderately limited)	0.59	Not limited		Very limited ~slope (very limited) ~stickiness (surface) (moderately limited)	1.00 0.50	Limited ~droughty (very limited)	1.00
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	

Forest Management--Continued

Map symbol and soil name	Erosion on roads and trails		Off-road or off-trail erosion		Soil rutting		Log landings		Seedling survival	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
74C: Knobby-----	Slightly limited ~slope/erodibility (slightly limited)	0.23	Slightly limited ~slope/erodibility (slightly limited)	0.12	Moderately limited ~low strength (moderately limited)	0.50	Moderately limited ~slippage potential (moderately limited)	0.50	Very limited ~droughty (very limited)	1.00
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
74F: Knobby-----	Very limited ~slope/erodibility (very limited)	1.00	Moderately limited ~slope/erodibility (moderately limited)	0.59	Moderately limited ~low strength (moderately limited)	0.50	Very limited ~slope (very limited) ~slippage potential (moderately limited)	1.00 0.50	Limited ~droughty (very limited)	1.00
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
80: Osage-----	Slightly limited ~slope/erodibility (slightly limited)	0.11	Slightly limited ~slope/erodibility (slightly limited)	0.02	Limited ~seasonal wetness (limited) ~low strength (limited)	0.91 0.80	Limited ~seasonal wetness (limited) ~flooding (moderately limited) ~stickiness (surface) (moderately limited)	0.91 0.60 0.50	Limited ~seasonal wetness (limited) ~flooding (moderately limited)	0.91 0.60
AED: Orthent-----	Not rated		Not rated		Not rated		Not rated		Not rated	
W: Water-----	Not rated		Not rated		Not rated		Not rated		Not rated	